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EXPRESS MAIL NO. EV 485810532 US

PATENT APPLICATION
Docket No: 15689.97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
	Hirofumi Takagi et al.)
)
Serial No.:	10/057,343) Art Unit
) 2681
Filing Date:	January 24, 2002)
)
Confirmation No.:	1516)
)
For:	MOBILE STATION, COMMUNICATION SYSTEM, AND TRANSMISSION METHOD)
)
Customer No.:	022913)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

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believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.


Since all listed references are either in the English language or are accompanied by a translation into English, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

DATED November 17, 2004.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'AJL' with a stylized flourish.

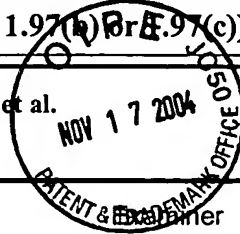
ADRIAN J. LEE
Attorney for Applicant
Registration No. 42,785

 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 15689.97		Application Number 10/057,343		
				Applicant(s) Hirofumi Takagi et al.				
				Filing Date January 24, 2004		Group Art Unit 2681		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	1	6,002,943	12/14/1999	Irvin et al.	455	522	10/7/1997	
	2	5,815,820	9/29/1998	Kiem et al.	455	575	5/11/1992	
	3	5,999,832	12/7/1999	Vannatta et al.	455	575	7/31/1997	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	4	WO 96/34461	10/31/1996	WIPO	H04B1	38	✓	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.

15689.97

In Re Application Of: **Hirofumi Takagi et al.**

Application No.

Filing Date

Examiner

Customer No.

Group Art Unit

Confirmation No.

10/057,343

January 24, 2002

Unknown

022913

2681

Unknown

Title: **MOBILE STATION, COMMUNICATION SYSTEM, AND TRANSMISSION METHOD**

Address to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☒ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) & (c))

Docket No.

15689.97

In Re Application: Hirofumi Takagi et al.



Application No.	Filing Date	Priority Number	Customer No.	Group Art Unit	Confirmation No.
10/057,343	January 24, 2002	Unknown	022913	2681	Unknown

Title: **MOBILE STATION, COMMUNICATION SYSTEM, AND TRANSMISSION METHOD****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
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Signature

Dated: November 17, 2004

Adrian J. Lee

Reg. No.: 42,785

Attorney for Applicant

CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Hirofumi Takagi et al.

Docket No.

15689.97

Application No.

10/057,343

Filing Date

January 24, 2002

Examiner

Unknown

Customer No.

022913

Group Art Unit

2681

Invention: MOBILE STATION, COMMUNICATION SYSTEM, AND TRANSMISSION METHOD

I hereby certify that the following correspondence:

(see below)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

November 17, 2004

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Adrian J. Lee

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Note: Each paper must have its own certificate of mailing.

Transmittal for Information Disclosure Statement (2 pages; duplicate);
Information Disclosure Statement Under 37 C.F.R. § 1.97 (2 pages);
Form PTO-1449 Listing of References (1 page);
Legible Copy of References; (4 references)
Certificate of Express Mail (EV485810532US);
PTO 2038 Credit Card form for \$180.00
Acknowledgment Postcard